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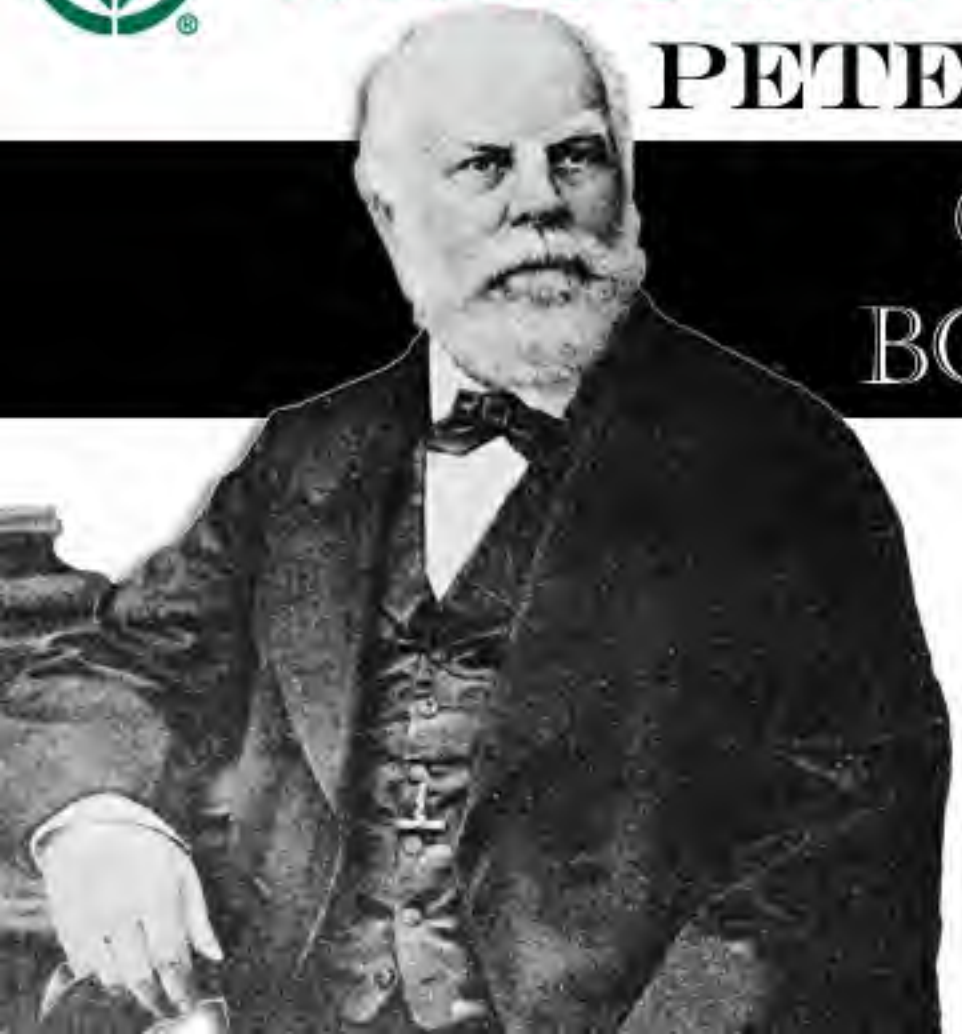

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Cereus rostratus also named C. hamatus
is a very peculiar plant with 3 or 4
angled stem; the areolae on the hamate
projection [young old] of the n°6

1832

Dyck, Aug 1857

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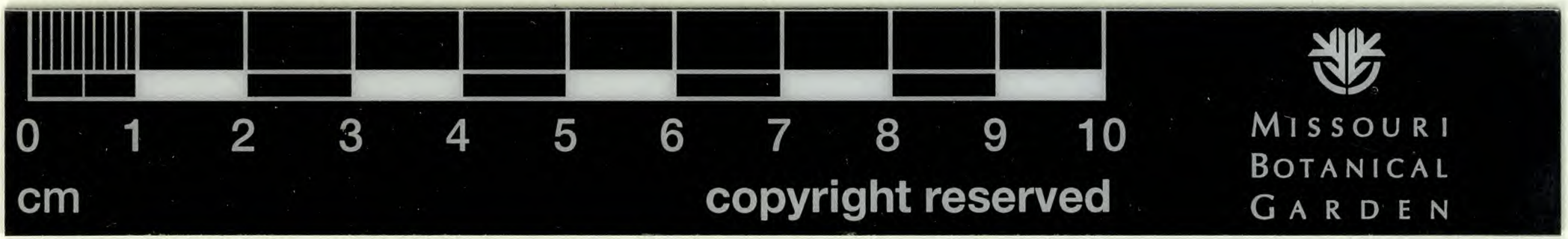

Cereus xostratus

Cult brought from Kew —
Kingsmoke Sept 26 1869

1833

Flower open at night,
as is said; shite,
without perfume.

In the bud I find
the ovary imbricately
covered with 35–40
ovate acute thick
and fleshy ~~scaly~~ scales
bearing black bristly
and a few white ones
in the axels and
dense black wool-
Tube of flower
covered with the
same, only gradually
longer scales,
30–35 in number
with the same black
wool, but longer bristles, in axil — longer
inner sepals lanceolate acute, also 30–35
in number — petals white broader,
obtuse, emarginate apparently shorter,
only 13.

Dimensions in the bud much smaller than
in open flower — tube shorter, petals & stamens
and style much shorter — At present the
ovary is 2½ cent long (probably full length)
Nectariferous cavity 3 c. staminiferous part of
tube 2½ c long, naked space in fauce only
1–1½ c. ~~wide~~ long — Is it so very small, or

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smaller than in the allied species in this flower, or does the space grow so much larger when the flower is fully formed & opens? Stamens & corona now only 1 cent long.

Anthers 5 mm long, linear

Style very thick, terminating in 17 linear-filiform very acute stigmata — now forming a conic head — but no doubt expanding in flower.

Ovary short 5 angled, with axe-shaped peculiar tubercles, bearing small brittly spines on the small areola.

Old stems at last terete.

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Cereus MacDonaldiae Hook. Bot. Mag. 1853 T. 4707

Welw. Ann. 5. 47

Syn. Hondeum.

Cult. at Mr Hoxneyes Northaltone established by Mr Koenig in flower June 10 1865

<u>See last page</u>

Flowers nightblooming, scarcely oblique, about 12 inches long; whole width with sepals 11 inches; of petals 6 inches;

Ovary oval, 1 inch long, covered with prominent tubercules, 60 — 100 bast with deciduous spines and coarse brown bristles

<u>Tube</u> 7 inches long, slender, with about 60 scales, base — green, fleshy, greenish, upper ones reddish, with brown spines and long whitish hairs — axils bare on 2 — 3 upper ones 9 — 12 lines long;

<u>Inner sepals</u> linear, elongated, spreading, outer ones recurved, reddish, inner ones sulphur yellow or somewhat greenish — 6 inches long, 50 — 60 in number

<u>Petals</u> 21 — 23, 9 — 11 lines wide, 4½ inches long linear — oblong, or somewhat spatulate, crenate towards tip, cuspidate

<u>Tube inside</u> marked about 20" or 22 lines, slenderish nearly 5 inches, to the naked space of 3 lines where separates the Corona of stamens from the stamens only

<u>Anthers</u> linear about 2¾ lines long

<u>Pollen</u> spherical 0.070 — 0.092 l. in diam.; (a great proportion aborting)

Style 11 — 12 inches long, of slender stigmata, acute filiform, very papillose, are 10 lines long, spreading, 21 in number.

1834

Corona of stamens very distinct, 2½ inches long, but separated only by a very small space (scarcely 3 lines) from the other declined and fasciculated stamens, approaching therefore those with antinomously gradate stamens. Another Succession is Cer. [illegible] Stock 2nd

21 slight 10–11 hairy 21–23 pubes 50–60 in the sep 60 in the sep

Petals 4 6 "

Stamens of Corona 2 1/4 long

Naked space to Corona 3"

Stamens 5

Nectary 1.9"

Ovary 1.

H. 12" 6"

Naked Space between Corona & Stamens

3 times

Commencement of petals

Corona Illustrata Donaldsia June 11 1835

Hemenway Garden, St Louis

Park Avenue

1836

X10

Pollen X 415

Cut of pistil & pollen mostly so.

Cut grains — few only — a hybrid ?

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Kew Sept. 1869

Cereus Mac Donaldiæ Hook Bot Mag. 79.
(1853 t. 4707 1835

rami teretes vel obscurissime angulati sub-tuberculati

Flowers much like grandiflorus,
ovary also densely covered with rather
long spiny bristles & scales
Honduras — ft. 14 inches diam.
and same length — stem 4 fingers
thick; — outer petals spreading red
inner yellow, petals short acute.
half size

Cereus Mac Donaldiæ Flor des Serres 896-7
stem terete — otherwise like
grandiflorus; ft. 20 c diam
stigmas 20-22 — figure
same Bot Mag. 4707 is exactly same figure
only a little smaller
Honduras

Cereus Mac Donaldiæ June 11 1865
Henry's Garden, St Louis
Park Avenue

6" 2¼ long
3"
"

1869
Young
terete;
the angles
ercolae.

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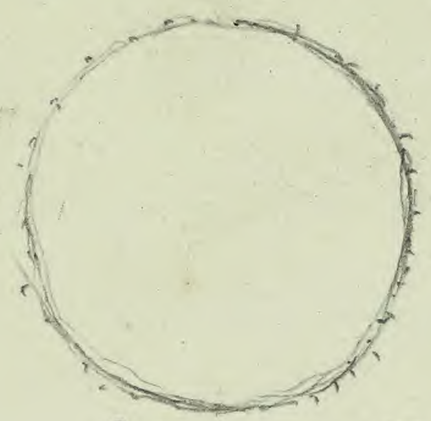
Victory 1.10

Hort Kew Sept 1869

Cereus MacDonaldiae, Hort Kew, Young stems regularly 5 angled — at last erecte; and only tubercles remaining the angles or ribs, tubercles bearing the areolae.

Cereus MacDonaldiae Hummel's Garden, St Louis Park Avenue

June 11 1865

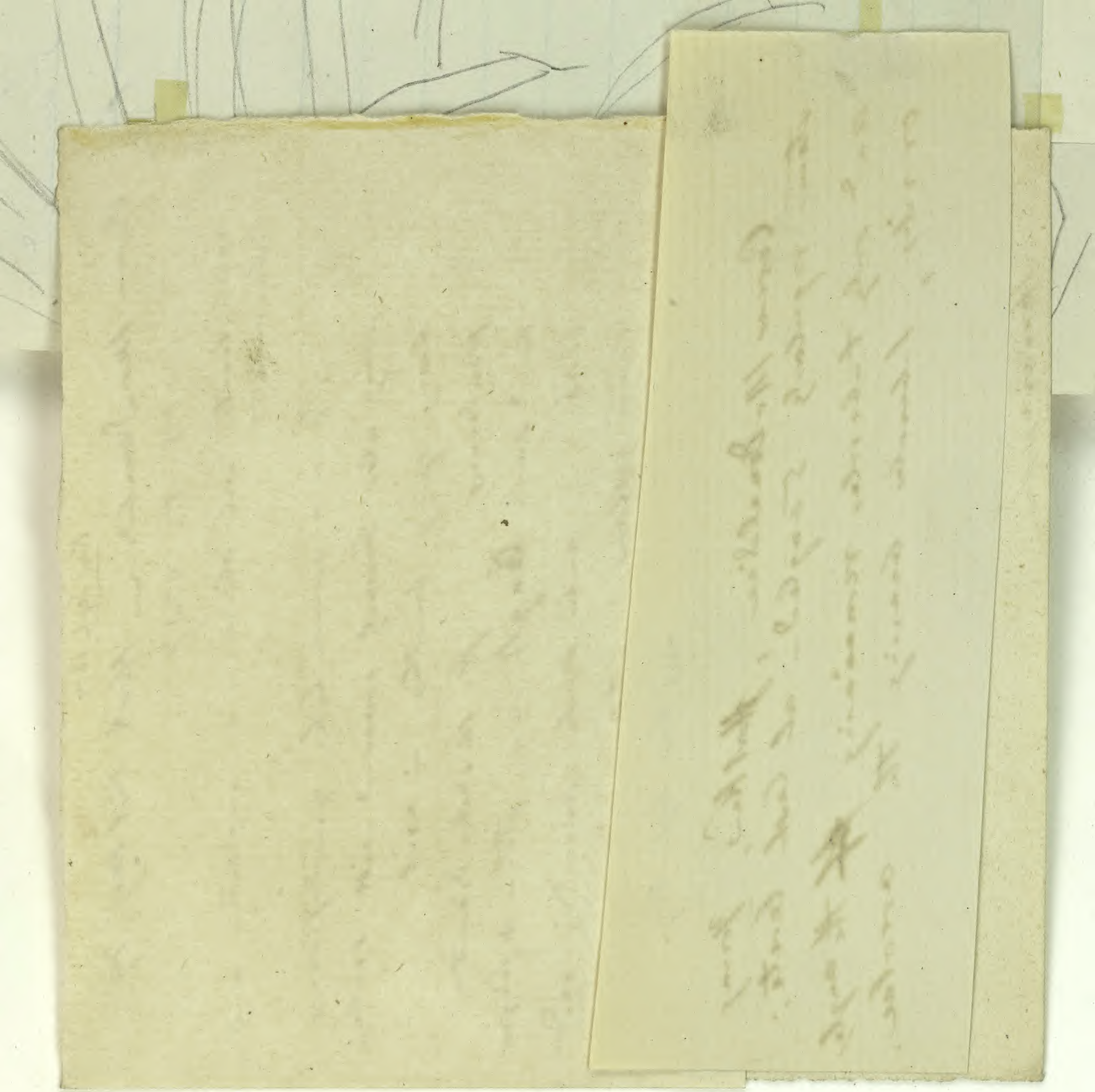


Pollen x 415

& of fertile pollen mostly so.

1836

last grains — few only — a hybrid ?



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Plant somewhat similar to Cer. grandiflorus, but more slender, climbing & rooting like that. Older part of stem nearly terete, tubercles 3/8 arrangement. young shoots abt 4 lines in diameter, 5 angled. with branches of short spines on the rather prominent pulvilli.

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Notes for original drawing

Kew Sept 1869

Cereus pterogonus Bot Mag. 5360

trunk (4 angled?) 3 or 4 in diam,
areole 2 p c apart, spines acicular
dark, 4-9 longest 4 p c long;
flower 20 or 24 cent long, white,
18 c. fully open —

1837

ovary with numerous (20-25?)
short triangular sepals, bearing wool
and flexuous spines or hairs in axil-
Tube & Throat with numerous
very narrow, gradually longer
petaly oblong (linear spatulate
acute & complete
yellow stigmata 16 (?) filiform
stamens? Tube?
From the Drawing it would appear
that stamens are a little one
sided as well as style — (same
as in Cereus) and that there is
a distinct corona
from 16 or 18 c from top —

on Drawing

Hort Kew Sept 1869

Cereus pterogonus Lem. many 6-8 angular
spines 1–2 or 3 cent long, on the numerous areolae
along the wing angled joints. — Joints 3 inches
in diameter — flowers white, nightblooming
"open till middle of next day" —
flowers are said to have the form of
C. Spendissimus — a short tube. 1868

other mem. made in the succulent
house in Sept 1869:

C. pterogonus: joints, 3, (rarely 4)
winged: plant yet young: apparently
allied to C. triangularis.

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Kew Sept 1869

Cereus pteranthus Lem. Selen. Bot Mag
1863 5360

flowers in day time — not ephemeral,
imported from Carthagena & Aug 1862
Straggling, rooting, branches articulate
3 inches or more in diameter 6—7"
long. & (rarely 5-) angled, with
1/2 inches broad, slightly sinuate lobed,
the areoles bearing a tuft (pulvillus)
of hairlike bristles and 3 or 4
slender straight spines 5—6" long

tube 5—6" long, green cupuloid
scales ovate acuminate, the lowest
terminated by acute form bristly
& -open 5—6 inches — stamens
forming a crown at the mouth of
the tube, ovary about 20 lobed
spreadly.

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1

Kew Sept. 1869

Cereus

anguli recti
areolis planis — C. Peruvianus
hemisphericis — C. coerulescens

anguli sinuati (vel undulati) areolis tuberculo insidentibus — Cactus grandiflorus

anguli crenati — C. lividus

anguli dentato-crenati — C. variabilis

1860

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